

424	251.1	Class	Subclass
ISSUE CLASSIFICATION			

PATENT NUMBER
6685949

U.S. UTILITY Patent Application

SCANNED	O.I.P.E. JRH G.A. E	PATENT DATE FEB 03 2004
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APPLICATION NO. 09/610034	CONT/PRIOR D	CLASS 424	SUBCLASS 251.1	ART UNIT 1645	EXAMINER S. J. ...
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APPLICANTS
TITLE

Xin-Xing Gu
John Robbins

Lipooligosaccharide based vaccine for prevention of moraxella (branhamella) catarrhalis infections in humans

PTO-2040
12/99

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ISSUING CLASSIFICATION							
ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
424	251.1	424	197.11	9.2	184.1	234.1	
INTERNATIONAL CLASSIFICATION		435	72	97	170	197	
A61K	39/02						
A01N	65/00						
A61K	39/00						
C12P	19/00						
C12P	19/18						

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<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. 3	Figs. Drwg. 3	Print Fig. —	Total Claims 12	Print Claim for O.G. 1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	<i>icloud</i> (Assistant Examiner) 7/22/03 (Date)			NOTICE OF ALLOWANCE MAILED 8/7/03 ISSUE FEE	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	MARK NAVARRO PRIMARY EXAMINER (Primary Examiner) 8/5/03 (Date)			Amount Due \$1,350	Date Paid 11-10-03
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<i>Ernest Smallwood</i> (Legal Instruments Examiner) 8/21/03 (Date)			ISSUE BATCH NUMBER	

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